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Atty. Docket No.: 18396/1140

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Robinson, et al.  
U.S. Serial No.: 09/484,629  
Filed: January 18, 2000  
Entitled: OBESITY GENE

Examiner: Woitach, J.

Group: 1632

BOX: SEQUENCE

Commissioner for Patents and Trademarks  
Washington, D.C. 20231

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS  
FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE  
AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Sir:

A corrected Response to Notice to Comply is submitted in response to the Notice Non-compliant Amendment (37 C.F.R. §1.121) mailed by the PTO on May 14, 2001.

Please enter the following amendment:

On page 67, please replace claim 6 with the following claim:

1 A mutant of any one of claims 1-7 claim 4 or claim 5, which comprises the sequence with PRPRSFSAPFSSQDS (SEQ ID No. 37), or a sequence substantially homologous thereto.

On page 67, please replace claim 7 with the following claim:

2 A mutant of any one of claims 1-7 any one of claims 4 to 6 which comprises the sequence with MLRALNRLAARPGGQPP-TLLLLPVRGPRPRSFSAPFSSQDS (SEQ ID No. 30), or a sequence substantially homologous thereto.

On page 67, please replace claim 10 with the following claim:

3 A nucleic acid of any one of claims 1-7 claim 9, comprising the sequence with ATGTTGCGGGCTTTGAACCGCCTGGCCGCGCGGCCCGGGGGCCAGCCCCCAACCCT GCTCCTTCTGCCCGTGCGCGGCCACGGCCCCGCTCATTCTCGGCTCCTTTTCCTCG CAGGATAGC (SEQ ID No. 31), or an equivalent sequence which encodes the same polypeptide having regard to the degeneracy of the nucleic acid code, or a sequence substantially homologous thereto.

On page 6, please delete the fourth full paragraph starting with "Figure 5 shows a point

mutation...", and insert the following replacement paragraph:

Figure 5 shows a point mutation in the cVO14 construct (SEQ ID NO: 36) in a conserved region 5' to the OT gene. A conserved G residue is substituted with an A residue in the construct compared to the sequence from for Mouse (SEQ ID NO: 32), Human (SEQ ID NO: 33), Cow (SEQ ID NO: 34), and Rat (SEQ ID NO: 35).

As required by 37 C.F.R. §1.121(b)(1)(iii), Applicants submit herewith a marked-up version of the replacement claims/paragraph indicated above.

Applicants, in compliance with 37 C.F.R. 1.821(g), state that no new matter is added by these amendments, and that the amendments are made only to satisfy the requirements for inclusion of sequence identifiers in patent specifications.

Respectfully submitted,

Date:

6/8/01



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